**R projects**

Uber Data Analysis in R

* Uber Pickups in New York City dataset
* This is a data visualization project with ggplot2 where we’ll use R and its libraries and analyze various parameters like trips by the hours in a day and trips during months in a year. We’ll use the Uber Pickups in New York City dataset and create visualizations for different time-frames of the year. This tells us how time affects customer trips.

#### Credit Card Fraud Detection Project in R

* Card Transactions dataset
* By now, you’ve begun to understand the methods and concepts. Let’s move on to some advanced data science projects. In this project, we’ll use R with algorithms like ***Decision Trees***, Logistic Regression, Artificial Neural Networks, and Gradient Boosting Classifier. We’ll use the Card Transactions dataset to classify credit card transactions into fraudulent and genuine. We’ll fit the different models and plot performance curves for them.

#### Movie Recommendation System in R

* MovieLens dataset
* In this data science project, we’ll use R to perform a movie recommendation through machine learning. A recommendation system sends out suggestions to users through a filtering process based on other users’ preferences and browsing history. If A and B like Home Alone and B likes Mean Girls, it can be suggested to A – they might like it too. This keeps customers engaged with the platform.

#### Customer Segmentation in R

* Mall\_Customers dataset

#### Customer Segmentation is a popular application of unsupervised learning. Using clustering, companies identify segments of customers to target the potential user base. They divide customers into groups according to common characteristics like gender, age, interests, and spending habits so they can market to each group effectively. We’ll use ***K-means clustering*** and also visualize the gender and age distributions. Then, we’ll analyze their annual incomes and spending scores.

#### Sentiment Analysis in R

#### Python projects

#### Fake News Detection in python

#### Road Lane Line Detection in python

#### Detecting Parkinson’s Disease in python

#### Color Detection with Python

#### Speech Emotion Recognition with python

#### Gender and Age Detection with python

#### Driver Drowsiness detection in Python

#### Chatbot Project in Python

#### Handwritten Digit Recognition Project in python

#### Traffic Signs Recognition in python

#### Breast Cancer Classification in python

#### Image Caption Generator Project in Python

#### Unknown projects

#### Brain Tumor Detection with Data Science

#### Leaf Disease Detection

#### Diabetic Retinopathy

# **Forest Fire Prediction**